



HP Laptop 15s-eq1448ng (2T0U4EA)



Overview

Power through your day

Stay connected to what matters most with long-lasting battery life and a thin micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 39.6 cm (15.6") Laptop features reliable performance and an expansive display, so you can stream, surf and speed through tasks.



View more, carry less

Thin, light, and designed to travel. See more of your photos, videos and projects on a 6.5 mm micro-edge bezel display.



Go longer, faster

Long-lasting battery life and HP Fast Charge technology lets you work, watch, and stay connected all day. Integrated precision touchpad with multi-touch support speeds up navigation and productivity.



Reliable performance

Tackle your busiest days with the performance of a reliable processor. Save more of what you love with abundant storage for all your photos, videos and documents.

Features



Windows 10

Do great things confidently with the familiar feel of Windows - only better.^[2]



AMD Ryzen™ 5 Processor

Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.^[3]



AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.



Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.^[4]



Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



Liberating battery life

Take on your day without worrying about recharging. With up to 8 hours of battery life, you can work, watch more, and spend more of your time totally untethered.^[5]

[2] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

[3] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[4] Full high-definition (FHD) content is required to view FHD images.

[5] Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018/> for additional details.

Specifications

Operating system	Windows 10 Home ^[38] <i>(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)</i>
Product color	Jet black
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 4500U (2.3 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores) ^[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-2666 MHz RAM (2 x 4 GB)
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD
Product design	Mesh knit pattern with texture finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 220 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio	Dual speakers
Minimum dimensions (W x D x H)	35.85 x 24.2 x 1.79 cm <i>(Dimensions vary by configuration)</i>
Weight	1.69 kg <i>(Weight varies by configuration)</i>
Keyboard	Full-size, jet black keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Camera	HP True Vision 720p HD camera with integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 30.5 x 52 cm
Package weight	2.21 kg
Wireless	Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power supply type	45 W Smart AC power adapter

Battery type	3-cell, 41 Wh Li-ion
Battery life	Up to 8 hours and 15 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	210 g
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Pre-installed software	Alexa; Netflix; ExpressVPN (30 day free trial)
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	195161818387
Manufacturer Warranty	1 year limited parts, labour, and pickup and return service

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life video playback	Up to 9 hours
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Camera brand	HP True Vision
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Jet black
Color gamut	45% NTSC
Datasheet photo 1	AHID/3ea3df33b5c81eab3083829bc0ec5a4b9f1f56fd
Datasheet photo 2	AHID/3a098cbd983167ec15b3b6defe044a36abe09dd7
Datasheet photo 3	AHID/2effe85b439e7f8f1b20ee2727f225b0a1582d1f
Datasheet photo 4	AHID/298dad35734992b6f45e5d0e63ac98851485688f
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display bezel	micro-edge
Display brightness	220
Display brightness uom	nits
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader not available

HP apps	HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Support Assistant
Keyboard color	jet black
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Memory and storage	8 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 4 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	2
Processor Brand	AMD
Processor base frequency	2.3
Processor cache	8 MB L3
Processor core	6
Processor family	Ryzen™ 5
Processor frequency UOM	GHz
Processor maximum frequency	4
Processor maximum frequency uom	GHz
Processor model	4500U
Processor threads	6
Product brand name	HP
Product language options	#ABD
Product long name specifications	HP Laptop 15s-eq1448ng, 15.6", Windows 10 Home, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, FHD, Jet black
Screen-to-body ratio (without speakers)	82.12% ^[18]
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™

Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Technology logo, print 2	Publication logos/HP_Fast_Charge_icon.jpg
Technology logo, print 3	Publication logos/EPEAT_silver_3C11.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
Touchscreen	No
UNSPSC code	43211503
Wireless Model	RTL8821CE
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[3] Windows MobileMark 18 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018/> for additional details.

[5] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[24] Must activate within 180 days of Windows activation.

[38] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP 27mq Display	1F2J9AA ★	
HP 22f 22-inch Display	2XN58AS	
HP 22f Display	2XN58AA	
HP 22fw 22-inch Display	3KS60AS	
HP 22fw Display	3KS60AA	
HP 22m Display	3WL44AA	
HP 22x 21.5-inch Gaming Display	6ML40AS	obsolete
HP 22x Gaming Display	6ML40AA	obsolete
HP 24f 24-inch Display	2XN60AS	obsolete
HP 24f Display	2XN60AA	obsolete
HP 24fh 23.8-inch Display	4HZ37AS	
HP 24fh 23.8-inch Display	4HZ38AS	obsolete
HP 24fh Display	4HZ37AA	
HP 24fh Display	5JB78AA	
HP 24fw 24-inch Display	3KS62AS	obsolete
HP 24fw 24-inch Display	5VU10AA	obsolete
HP 24fw 24-inch Display	6NB66AA	obsolete
HP 24fw Display	3KS62AA	obsolete
HP 24fw with Audio 24-inch Display	4TB29AS	obsolete
HP 24fw with Audio Display	4TB29AA	obsolete
HP 24m Display	3WL46AA	
HP 24mq Display	1F2J8AA	
HP 25x Display	3WL50AA	obsolete
HP 27f 27-inch 4K Display	5ZP65AA	
HP 27f 27-inch 4K Display	5ZP65AS	
HP 27f 27-inch Display	2XN62AS	obsolete
HP 27f Display	2XN62AA	obsolete
HP 27fh Display	4HZ38AA	obsolete
HP 27fh Display	5JB79AA	obsolete
HP 27fw 27-inch Display	3KS64AS	obsolete

HP 27fw 27-inch Display	3MP91AA	obsolete
HP 27fw 27-inch Display	6NB70AA	obsolete
HP 27fw Display	3KS64AA	obsolete
HP 27fw with Audio 27-inch Display	4TB31AS	obsolete
HP 27fw with Audio Display	4TB31AA	obsolete
HP 27m 27-inch Display	3WL48AS	
HP 27m Display	3WL48AA	
HP 27xq Display	3WL54AA	
HP M22f FHD Monitor	2D9J9AA	
HP M22f FHD Monitor	2D9J9AS	
HP M22f FHD Monitor	2D9J9E9	
HP M24f FHD Monitor	2D9K0AA	
HP M24f FHD Monitor	2D9K0AS	
HP M24f FHD Monitor	2D9K0E9	
HP M24fe FHD Monitor	43G27AA	
HP M24fe FHD Monitor	43G27AS	
HP M24fe FHD Monitor	43G27E9	
HP M24fw FHD Monitor	2D9K1AA	
HP M24fw FHD Monitor	2D9K1AS	
HP M24fw FHD Monitor	2D9K1E9	
HP M24fw FHD Monitor	43B20AA	
HP M24fwa FHD Monitor	34Y22AA	
HP M24fwa FHD Monitor	34Y22AS	
HP M24fwa FHD Monitor	34Y22E9	
HP M27f FHD Monitor	2G3D3AA	
HP M27f FHD Monitor	2G3D3AS	
HP M27f FHD Monitor	2G3D3E9	
HP M27fe FHD Monitor	43G45AA	
HP M27fe FHD Monitor	43G45AS	
HP M27fe FHD Monitor	43G45E9	
HP M27fq QHD Monitor	2H4B5AA	
HP M27fq QHD Monitor	2H4B5AS	
HP M27fq QHD Monitor	2H4B5E9	
HP M27fw FHD Monitor	2H1A4AA	
HP M27fw FHD Monitor	2H1A4AS	
HP M27fw FHD Monitor	2H1A4E9	

HP M27fw FHD Monitor	43B24AA	
HP M27fwa FHD Monitor	356D5AA	
HP M27fwa FHD Monitor	356D5AS	
HP M27fwa FHD Monitor	356D5E9	
HP M32f FHD Monitor	2H5M7AA	
HP M32f FHD Monitor	2H5M7AS	
HP M32f FHD Monitor	2H5M7E9	
HP V28 4K Monitor	8WH58AA	
HP V28 4K Monitor	8WH58AS	
HP X24c Gaming Monitor	9FM22AA	
HP X24c Gaming Monitor	9FM22AS	
HP X27i 2K Gaming Monitor	8GC08AA	obsolete
HP X27i 2K Gaming Monitor	8GC08AS	obsolete

HP Home LCD Monitors

HP V27i FHD Monitor	9SV94AA ★	
HP V24i FHD Monitor	9RV17AA ★	
HP U27 4K Wireless Monitor	9TQ13AA	
HP U27 4K Wireless Monitor	9TQ13AS	
HP U28 4K HDR Monitor	1Z980AA	
HP V20 HD+ Monitor	1H850AA	
HP V20 HD+ Monitor	1H850AS	
HP V22 FHD Monitor	9SV80AA	
HP V22 FHD Monitor	9SV80AS	
HP V221vb FHD Monitor	453F2AA	
HP V22e FHD Monitor	28N41AA	
HP V22v FHD Monitor	450M5AA	
HP V22v FHD Monitor	450M5AS	
HP V24 FHD Monitor	9SV73AA	
HP V24 FHD Monitor	9SV73AS	
HP V24 FHD Monitor	9WF30AA	
HP V24 FHD Monitor	9WF31AA	
HP V241ib FHD Monitor	453D6AA	
HP V24e FHD Monitor	28N17AA	
HP V24i FHD Monitor	9RV17AS	
HP V27e FHD Monitor	28N20AA	

HP V27i FHD Monitor	1K3W7AA
HP V27i FHD Monitor	9SV94AS
HP X24ih Gaming Monitor	2W925AA
HP X27 FHD Gaming Monitor	2V6B4AA
HP X27 FHD Gaming Monitor	2V6B4AS
HP X27 FHD Gaming Monitor	2V6B4E9
HP X27c FHD Gaming Monitor	32G13AA
HP X27c FHD Gaming Monitor	32G13AS
HP X27c FHD Gaming Monitor	32G13E9
HP X27q QHD Gaming Monitor	2V7U5AA
HP X27q QHD Gaming Monitor	2V7U5AS
HP X27q QHD Gaming Monitor	2V7U5E9
HP X27qc QHD Gaming Monitor	32H02AA
HP X27qc QHD Gaming Monitor	32H02AS
HP X27qc QHD Gaming Monitor	32H02E9
HP X32 QHD Gaming Monitor	2V7V4AA
HP X32 QHD Gaming Monitor	2V7V4AS
HP X32 QHD Gaming Monitor	2V7V4E9
HP X32c FHD Gaming Monitor	33K31AA
HP X32c FHD Gaming Monitor	33K31AS
HP X32c FHD Gaming Monitor	33K31E9
HP X34 WQHD Gaming Monitor	2V7W6AA
HP X34 WQHD Gaming Monitor	2V7W6AS
HP X34 WQHD Gaming Monitor	2V7W6E9

OMEN by HP Displays

OMEN 25i Gaming FHD Monitor	22J05AA
OMEN 25i Gaming FHD Monitor	22J05AS
OMEN 25i Gaming FHD Monitor	22J05E9
OMEN 27i IPS 165Hz 2k Gaming Monitor	8AC94AA
OMEN 27i Monitor	8AC94AS
OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA
OMEN X 27 240Hz Gaming Monitor	6FN07AS
OMEN X 27 HDR QHD 240Hz Gaming Monitor	6FN07AA
OMEN by HP 25 Display	Z7Y57AA
OMEN by HP 25 Display	Z7Y57AS

Keyboards/Mice and Input Devices

★ : Recommended

Mice

HP Pavilion Gaming Mouse Pad 400	5JH72AA ★
HP 220 Wireless Mouse	258A1AA ★
HP Dual Mode Black Mouse 300	6CR71AA ★
HP Pavilion Gaming Mouse Pad 300	4PZ84AA ★
HP Wireless Mouse 220	3FV66AA ★
HP Wireless Mouse 200	X6W31AA ★
OMEN by HP Mouse Pad 300	1MY15AA ★
HP 150 Wired Mouse	240J6AA
HP 150 Wireless Mouse	2S9L1AA
HP 220 Silent Wireless Mouse	391R4AA
HP 240 Black Bluetooth Mouse	3V0G9AA
HP 280 Silent Wireless Mouse	19U64AA
HP 430 Multi-Device Wireless Mouse	3B4Q2AA
HP 930 Creator Wireless Mouse	1D0K9AA
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth? Mouse Z5000	2HW67AA
HP Dual Mode Mouse	6CR72AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
HP Wired Mouse 100	6VY96AA
HP Wired Mouse 1000	4QM14AA
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA
HP Wireless Mouse 220 (Snow White)	7KX12AA
HP Wireless Mouse 220 (Sunset Red)	7KX10AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP X220 Backlit Gaming Mouse	8DX48AA

HP X500 Wired Mouse	E5E76AA
HP Z3700 Black Wireless Mouse	26V63AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 Forest Teal Wireless Mouse	171D9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	VOL82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	VOL80AA
OMEN Vector Essential Mouse	8BC52AA
OMEN Vector Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	4CE99AA ★
HP Pavilion Keyboard and Mouse 200	9DF28AA ★
HP 150 Wired Mouse and Keyboard	240J7AA
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP 230 Wireless Mouse and Keyboard Combo	3L1F0AA
HP 330 Wireless Mouse and Keyboard Combination	2V9E6AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Dual Mode Keyboard 1000	18J71AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 600 Black	4CE98AA
HP Pavilion Wireless Keyboard 600 White	4CF02AA
OMEN Spacer Wireless TKL Keyboard	9BU31AA

Cases and Covers

Backpacks

HP Renew 15 Grey Backpack	1A211AA ★
HP Commuter Backpack (Black)	5EE91AA ★

Covers

HP 15.6 Sleeve	14V33AA ★
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Cases

HP 15.6 Value Topload	K0B38AA	obsolete
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Audio/Multimedia and Communication Devices

Headsets

HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA ★	obsolete
HP Earbuds Black Headset 150	X7B04AA ★	
HP X1000 Wireless Gaming Headset	7HC43AA ★	
HP Bluetooth Headset 500	2J875AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 600	4BX33AA	
OMEN Blast Headset	1A858AA	

Speakers

HP Black Bluetooth Speaker 350	2D802AA
HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 350	2D803AA
HP Silver Bluetooth Speaker 350	2D804AA

Headphones

OMEN Dyad Earbuds	8JE67AA
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Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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Docking and Port Replicators

Docking Stations

HP Travel USB-C Multi Port Hub	1C1Y5AA
HP USB-C Travel Hub G2	235N8AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to RJ45 Adapter	V7W66AA

HyperX Gaming Keyboards

★ : Recommended

HyperX Alloy Core Keyboards SC

HyperX Alloy Core RGB - Gaming Keyboard (US Layout)

4P4F5AA

HyperX Alloy Origins Keyboards SC

HyperX Alloy Origins - Mechanical Gaming Keyboard - HX Red (US Layout)

4P4F6AA

HyperX Gaming Headsets

HyperX Cloud Alpha Headsets SC

HyperX Cloud Alpha S - Gaming Headset (Black)

4P5L2AA

HyperX Cloud Headsets SC

HyperX Cloud Core + 7.1 - Gaming Headset (Black)

4P4F2AA

HyperX Cloud MIX Headsets SC

HyperX Cloud MIX - Gaming Headset (Black-Gunmetal)

4P5K9AA

HyperX Cloud Revolver Headsets SC

HyperX Cloud Revolver - Gaming Headset + 7.1 (Gunmetal)

4P5K5AA

HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger Core - Gaming Headset (Black)

4P4F4AA

HyperX Cloud Stinger S - Gaming Headset (Black)

4P4F1AA

HyperX Gaming Mouse Pads

HyperX FURY Mouse Pads SC

HyperX FURY S - Gaming Mouse Pad - Cloth (L)

4P4F9AA

HyperX Gaming Mice

HyperX Pulsefire Core Mice SC

HyperX Pulsefire Core - Gaming Mouse (Black)

4P5Q2AA

HyperX Pulsefire FPS Mice SC

HyperX Microphones

HyperX SoloCast Microphones SC

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Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

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